

## PATENT ABSTRACTS OF JAPAN

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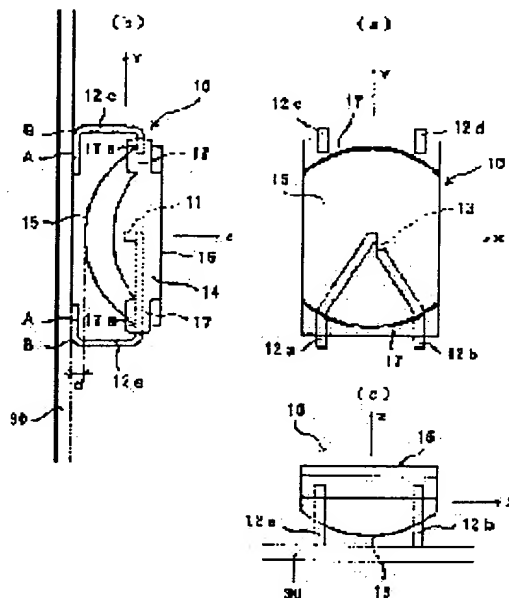
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## (54) REFLECTIVE LIGHT EMITTING DIODE AND METHOD FOR MOUNTING THE SAME

## (57)Abstract:

PROBLEM TO BE SOLVED: To provide a reflective light emitting diode in which mounting density can be improved, and mounting directional precision can be improved.

SOLUTION: Terminals 12a and 12b and terminals 12c and 12d are pulled out from the side face of a light transmission material 14 to opposite directions. The terminals 12a and 12b supply a power to a light emitting element 11, and the terminals 12c and 12d fix a light emitting diode 10 on a substrate 30. Each terminal 12a, 12b, 12c, and 12d is folded at an almost right angle toward the side of a concave reflecting surface 15 in the neighborhood of a surrounding part 17, and a top end part A of each terminal 12a, 12b, 12c, and 12d is folded inside at an almost right angle. Also, a lowermost edge part B of each terminal 12a, 12b, 12c, and 12d in the central axial direction of the concave reflecting surface 15 is positioned under the concave reflecting surface 15 within a range larger than 0 mm and smaller than 1 mm from the bottom part of the concave reflecting surface 15.



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